

## 5

$$\begin{array}{c} \text{O} \\ \parallel \\ \text{W} - \text{C} - \text{N} - (\text{B})_b - (\text{C})_c - (\text{N})_d - (\text{CH}_2)_e - (\text{C})_f - (\text{CH}_2)_g - \text{D} - (\text{CH}_2)_h - \text{E} \\ \mid \quad \mid \\ \text{Z} \quad \text{Y} \end{array} \quad \begin{array}{c} \text{O} \\ \parallel \\ \text{R} \\ \mid \\ \text{N}_d \end{array} \quad \text{(I)}$$

which are inhibitors of the adhesion and migration of leucocytes and/or antagonists of the adhesion receptor VLA-4 which belongs to the group of integrins. The invention also relates to processes for their preparation, to the use of compounds of the formula I for the treatment or prophylaxis of diseases which are caused by an undesired extent of leucocyte adhesion and/or leucocyte migration or which are associated therewith or in which cell-cell or cell-matrix interactions which are based on interactions of VLA-4 receptors with their ligands play a part, for example of inflammatory processes, of rheumatoid arthritis or of allergic disorders, and also to the use of compounds of the formula I for the production of pharmaceuticals for use in such diseases, and to pharmaceutical preparations which contain the compounds of the formula I.